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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet | | of | |

Complete if Known	
Application Number	10/678,496
Filing Date	October 3, 2003
First Named Inventor	Kurosawa
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	32162256.2392

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RG		US- 5,743,172	04/28/1998	Weiss, Ronald R. et al.	
		US- 5,747,080	05/05/1998	Lemke, Stefan et al.	
		US- 5,871,792	02/16/1999	Weiss, Ronald R. et al.	
		US- 6,000,318	12/14/1999	Weiss, Ronald R. et al.	
		US- 6,092,458	07/25/2000	Weiss, Ronald R. et al.	
		US- 6,187,353	02/13/2001	Wyman, Melvin J. et	
		US- 6,234,063	05/22/2001	Evers, Gilbert J. et al.	
		US- 6,352,731	03/05/2002	Weiss, Ronald R.	
		US- 6,354,191	03/12/2002	Weiss, Ronald R. et al.	
		US- 6,378,795	04/30/2002	Kelly, Joseph William	
		US- 6,412,395	07/02/2002	Weiss, Ronald R. et al.	
RG		US- 20020061348 A1	05/23/2002	Weiss, Ronald R.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
RG		DE4323788	12/01/1994	Link, Heinrich		

Examiner Signature	R. Alexander	Date Considered	6/30/2005

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RA		US- 3,554,115	01/12/1971	Manley, Charles G.	
		US- 3,722,399	03/27/1973	Cole, Joseph E.	
		US- 3,756,139	09/04/1973	Wolens, John	
		US- 4,182,229	01/08/1980	VandeWalker, James	
		US- 4,288,686	09/08/1981	Cretors, Charles D.	
		US- 4,307,657	12/29/1981	Avery, Richard D.	
		US- 4,397,874	08/09/1983	Piotrowski, Eugene G.	
		US- 4,445,427	05/01/1984	Kiczek, Casimir R.	
		US- 4,596,713	06/24/1986	Burdette, Darrell C.	
		US- 4,823,683	04/25/1989	Meisner, Edward H.	
		US- 4,849,233	07/18/1989	Hemker, Leonard E.	
		US- 4,850,120	07/25/1989	Stein, Andrew M.	
		US- 4,881,457	11/21/1989	Lyga, Thomas M. et al.	
		US- 4,888,186	12/19/1989	Cooley, Judith et al.	
		US- 4,947,740	08/14/1990	Strawser, Michael G.	
		US- 5,190,777	03/02/1993	Anderson, Gary D. et	
		US- 5,657,684	08/19/1997	Chaikowsky, Peter	
RA		US- 5,662,024	09/02/1997	Cretors, Charles D. et	

Examiner Signature	R. Alexander	Date Considered	6/30/2005

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RA		DE19654337	06/25/1998	Sagredos, Angelos,	
		EP0217368	04/08/1987	Evans, David Alan et	
		EP0298711	01/11/1989	Maxwell, Holly A. et al.	
		EP0650906	05/03/1995	Villar Otero, Domingo	
		FR2690049	10/22/1993	FALCOU LOUISE	
		JP1165350	06/29/1989	NAKAMURA YOSHIO	
		JP2053441	02/22/1990	NAKANO HIROSHI et	
		JP2053442	02/22/1990	MARUYAMA NAOKO	
		JP3172146	07/25/1991	MATSUI YOKICHI et	
		JP3275474	12/06/1991	HIDAWA YOSHIYUKI	
		JP56154960	11/30/1981	OGAWA HIROSHI et	
		JP62096054	05/02/1987	YAMAMOTO	
		JP62228245	10/07/1987	SUGISAWA AKIRA	
		JP62294056	12/21/1987	KATAOKA KATSUMI	
		JP2002106849	04/10/2002	KITADA YUKIHIRO	
		WO0213628	02/21/2002	BEAGLE, Mark.	
		WO0230218	04/18/2002	DURAN VILA, Juan	
RA		WO9923895	05/20/1999	WYMAN, Melvin, J.	

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